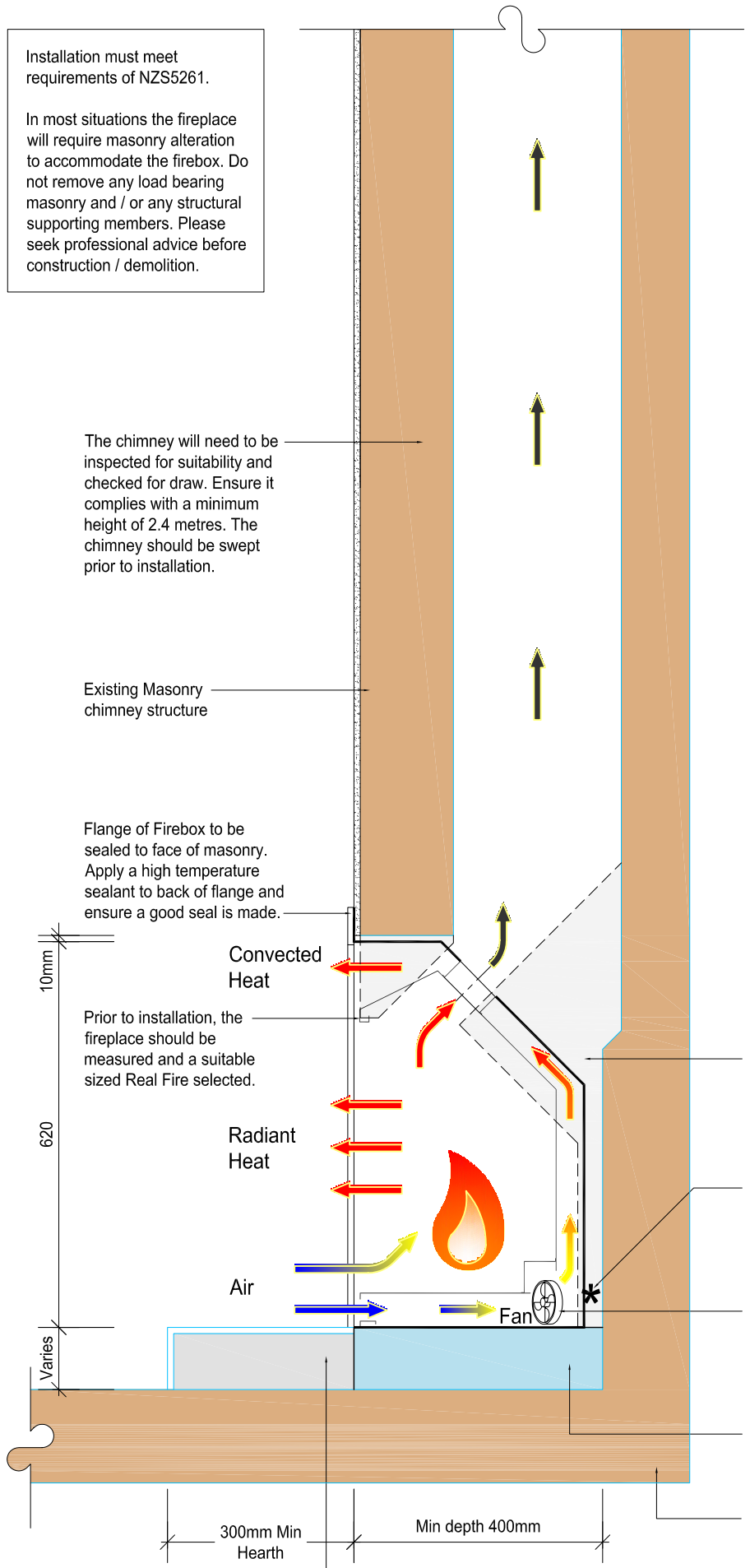
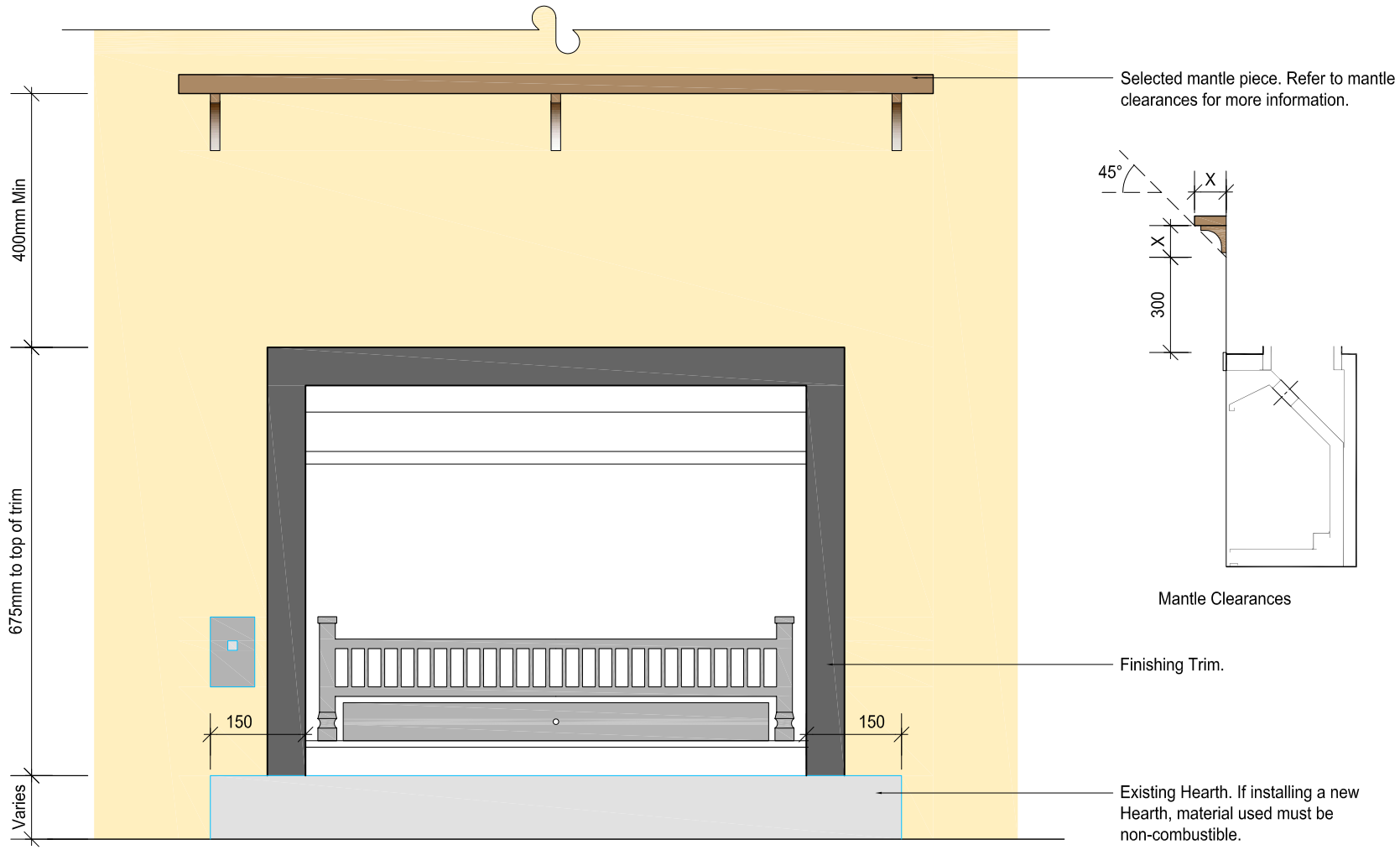
Installation must meet requirements of NZS5261.

In most situations the fireplace will require masonry alteration to accommodate the firebox. Do not remove any load bearing masonry and / or any structural supporting members. Please seek professional advice before construction / demolition.


The chimney will need to be inspected for suitability and checked for draw. Ensure it complies with a minimum height of 2.4 metres. The chimney should be swept prior to installation.
Existing Masonry chimney structure
Flange of Firebox to be sealed to face of masonry. Apply a high temperature sealant to back of flange and ensure a good seal is made.
10mm
Convected Heat
Prior to installation, the fireplace should be measured and a suitable sized Real Fire selected.
620
Radiant Heat
Air
Fan
Varies
300mm Min Hearth
Min depth 400mm
Existing Hearth. If installing a new Hearth, material used must be non-combustible.
Remove fire bricks, gather and throat as required to allow for installation (shaded). Do not remove any load bearing masonry and / or any structural supporting members. Please seek professional advice before construction / demolition.
Suitable Gas supply will be required at right hand rear corner of Concrete Masonry cavity. Piping to be reduced down to 10mm copper pipe at fireplace location and left with a coil of approx. 1 metre to feed into firebox.
Fan and electric on / off option (if selected). Electrical supply will be required preferably on left side of fireplace. Switches to be outside of cavity framing.
Ensure rear of existing hearth is at least the same level as the front or build up as required.
Existing flooring


400mm Min
675mm to top of trim
Varies
150
150
Selected mantle piece. Refer to mantle clearances for more information.
Finishing Trim.
Existing Hearth. If installing a new Hearth, material used must be non-combustible.

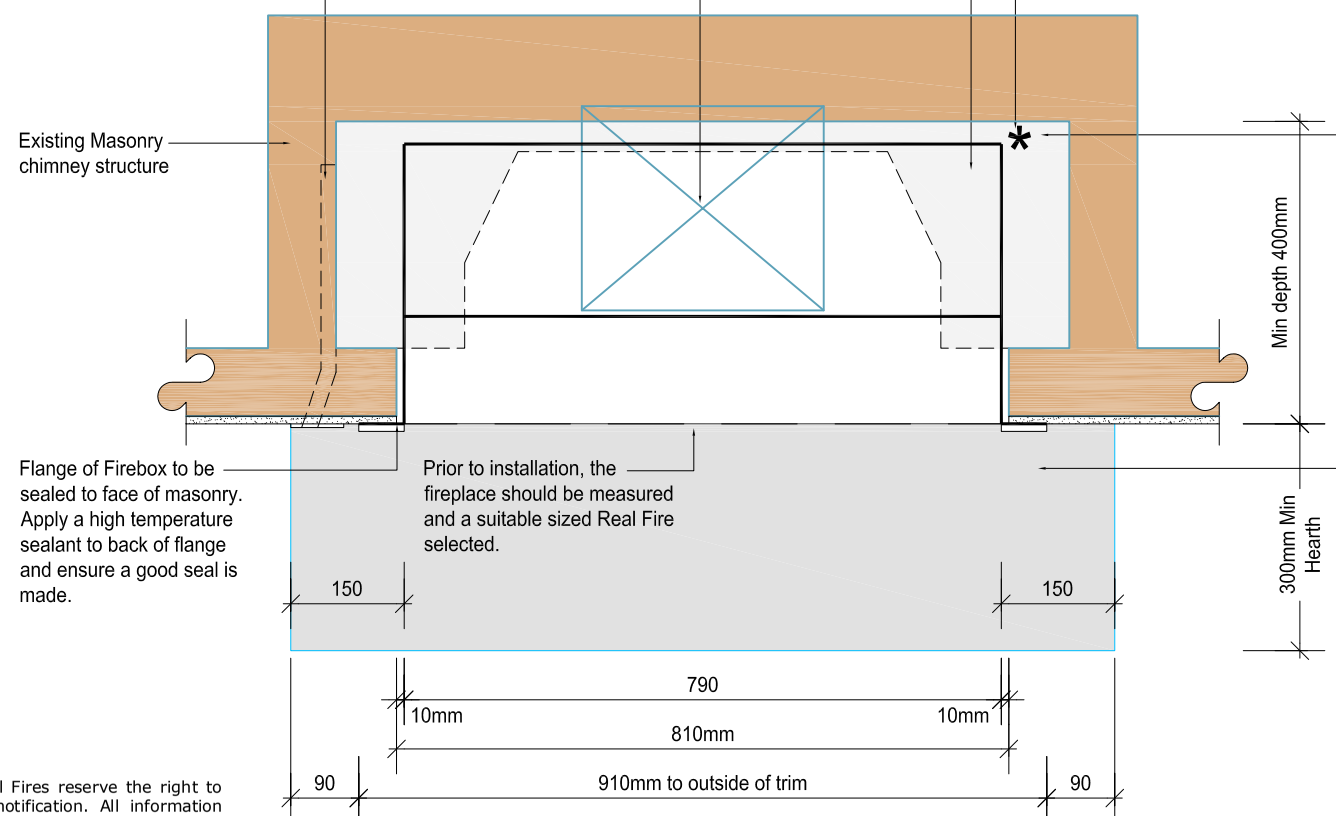
Mantle Clearances

Fan and electric on / off option (if selected). Electrical supply will be required preferably on left side of fireplace. Switches to be outside of cavity framing.

The chimney will need to be inspected for suitability and checked for draw. Ensure it complies with a minimum height of 2.4 metres. The chimney should be swept prior to installation.

Firebox.

Suitable Gas supply will be required at right hand rear corner of Concrete Masonry cavity. Piping to be reduced down to 10mm copper pipe at fireplace location and left with a coil of approx. 1 metre to feed into firebox.


Existing Masonry chimney structure
Remove fire bricks, gather and throat as required to allow for installation (shaded). Do not remove any load bearing masonry and / or any structural supporting members. Please seek professional advice before construction / demolition.
Min depth 400mm
Flange of Firebox to be sealed to face of masonry. Apply a high temperature sealant to back of flange and ensure a good seal is made.
Prior to installation, the fireplace should be measured and a suitable sized Real Fire selected.
Existing Hearth. If installing a new Hearth, material used must be non-combustible.
300mm Min Hearth
150
150
790
10mm
10mm
810mm
90
910mm to outside of trim
90

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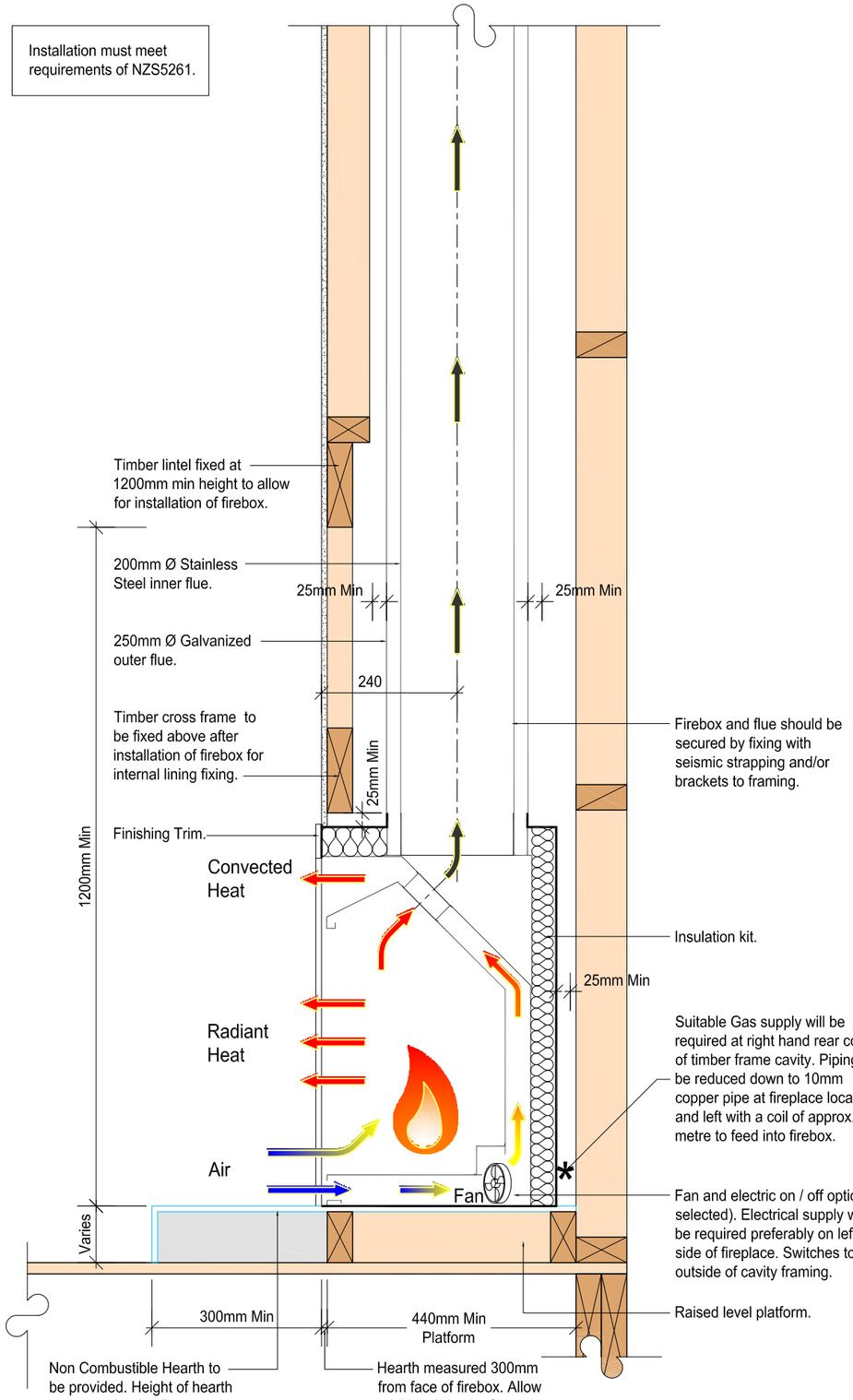
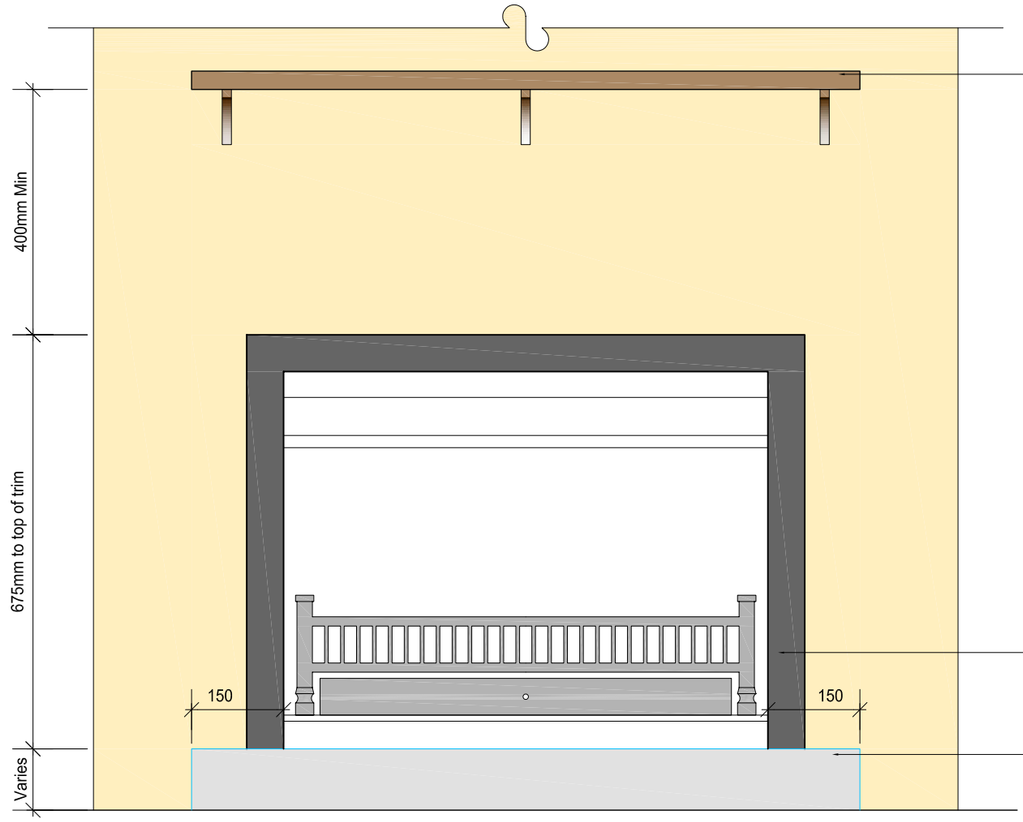
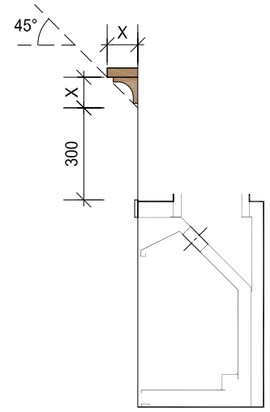
Title: Model RF800 into Existing Masonry Brick				Dwg No:	REAL FIRES
Scale: 1:10 @ A3	Date: 01.05.06	Drawn: ARCAD	Rev: -		

Installation must meet requirements of NZS5261.


Timber lintel fixed at 1200mm min height to allow for installation of firebox.
200mm Ø Stainless Steel inner flue.
25mm Min
25mm Min
250mm Ø Galvanized outer flue.
240
Timber cross frame to be fixed above after installation of firebox for internal lining fixing.
25mm Min
Finishing Trim.
1200mm Min
Convected Heat
Radiant Heat
Air
Fan
Varies
300mm Min
440mm Min Platform
Firebox and flue should be secured by fixing with seismic strapping and/or brackets to framing.
Insulation kit.
25mm Min
Suitable Gas supply will be required at right hand rear corner of timber frame cavity. Piping to be reduced down to 10mm copper pipe at fireplace location and left with a coil of approx. 1 metre to feed into firebox.
Fan and electric on / off option (if selected). Electrical supply will be required preferably on left side of fireplace. Switches to be outside of cavity framing.
Raised level platform.
Non Combustible Hearth to be provided. Height of hearth may vary, but in all cases ensure firebox to remain at the same level of hearth or above.
Hearth measured 300mm from face of firebox. Allow additional depth of hearth to rear of selected wall linings.


400mm Min
675mm to top of trim
Varies
150
150
Selected mantle piece. Refer to mantle clearances for more information.
Finishing Trim.
Non Combustible Hearth to be provided. Height of hearth may vary, but in all cases ensure firebox to remain at the same level of hearth or above.



Mantle Clearances

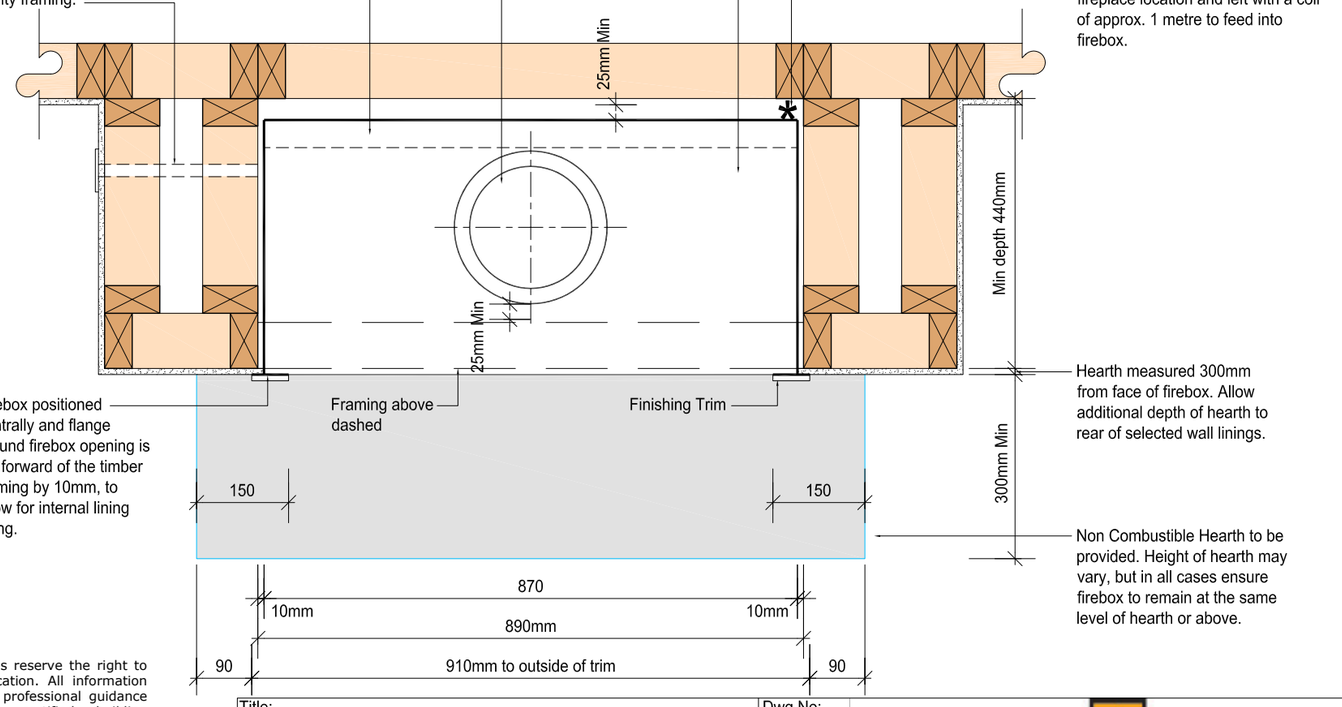
Fan and electric on / off option (if selected). Electrical supply will be required preferably on left side of fireplace. Switches to be outside of cavity framing.

Insulation kit.

200mm Ø Stainless Steel inner flue.
250mm Ø Galvanized outer flue.

Firebox and flue should be secured by fixing with seismic strapping and/or brackets to framing.

Suitable Gas supply will be required at right hand rear corner of timber frame cavity. Piping to be reduced down to 10mm copper pipe at fireplace location and left with a coil of approx. 1 metre to feed into firebox.


25mm Min
*
25mm Min
Min depth 440mm
Hearth measured 300mm from face of firebox. Allow additional depth of hearth to rear of selected wall linings.
300mm Min
Non Combustible Hearth to be provided. Height of hearth may vary, but in all cases ensure firebox to remain at the same level of hearth or above.
Firebox positioned centrally and flange around firebox opening is left forward of the timber framing by 10mm, to allow for internal lining fixing.
Framing above dashed
Finishing Trim
150
150
870
10mm
10mm
890mm
90
910mm to outside of trim
90

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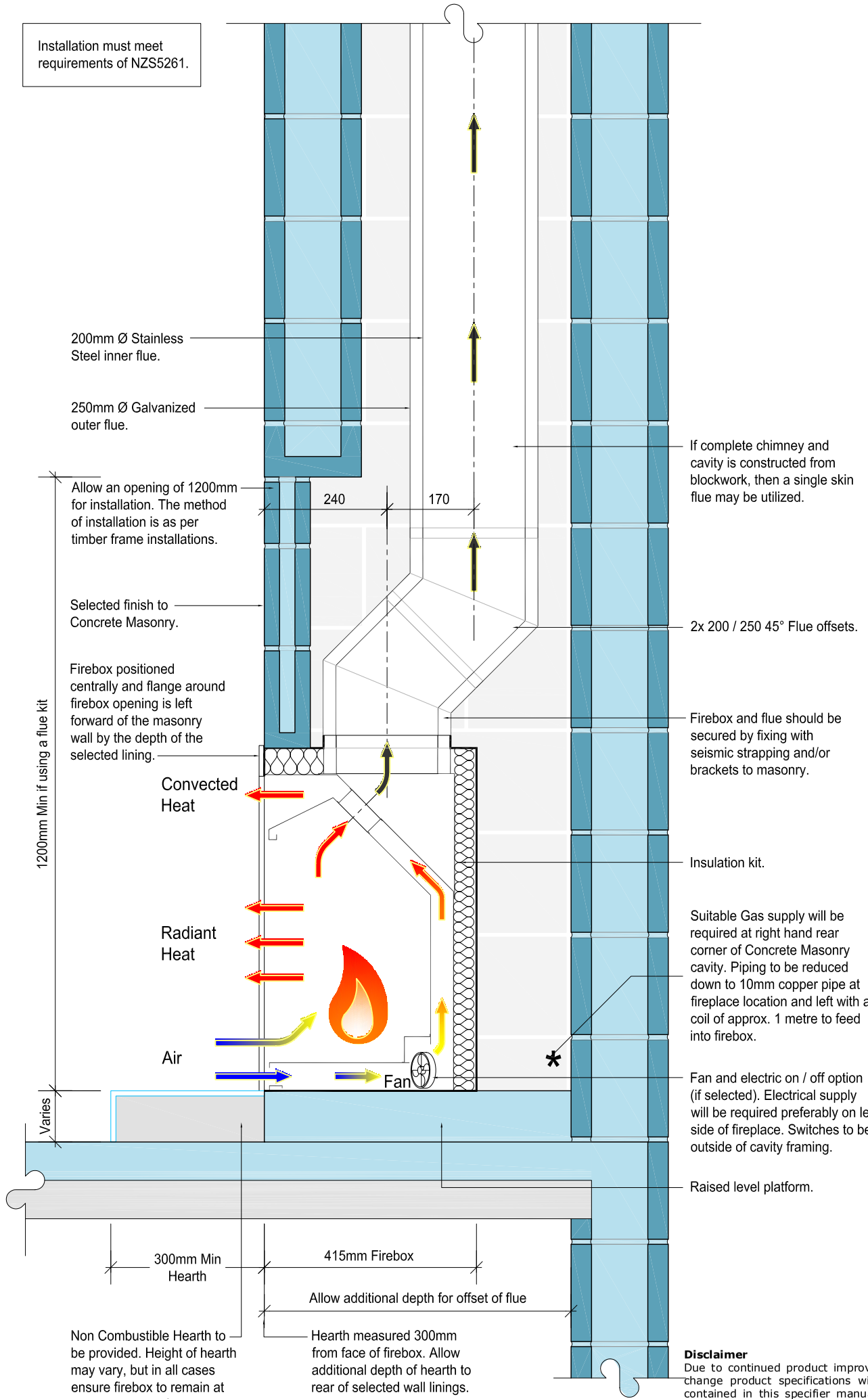
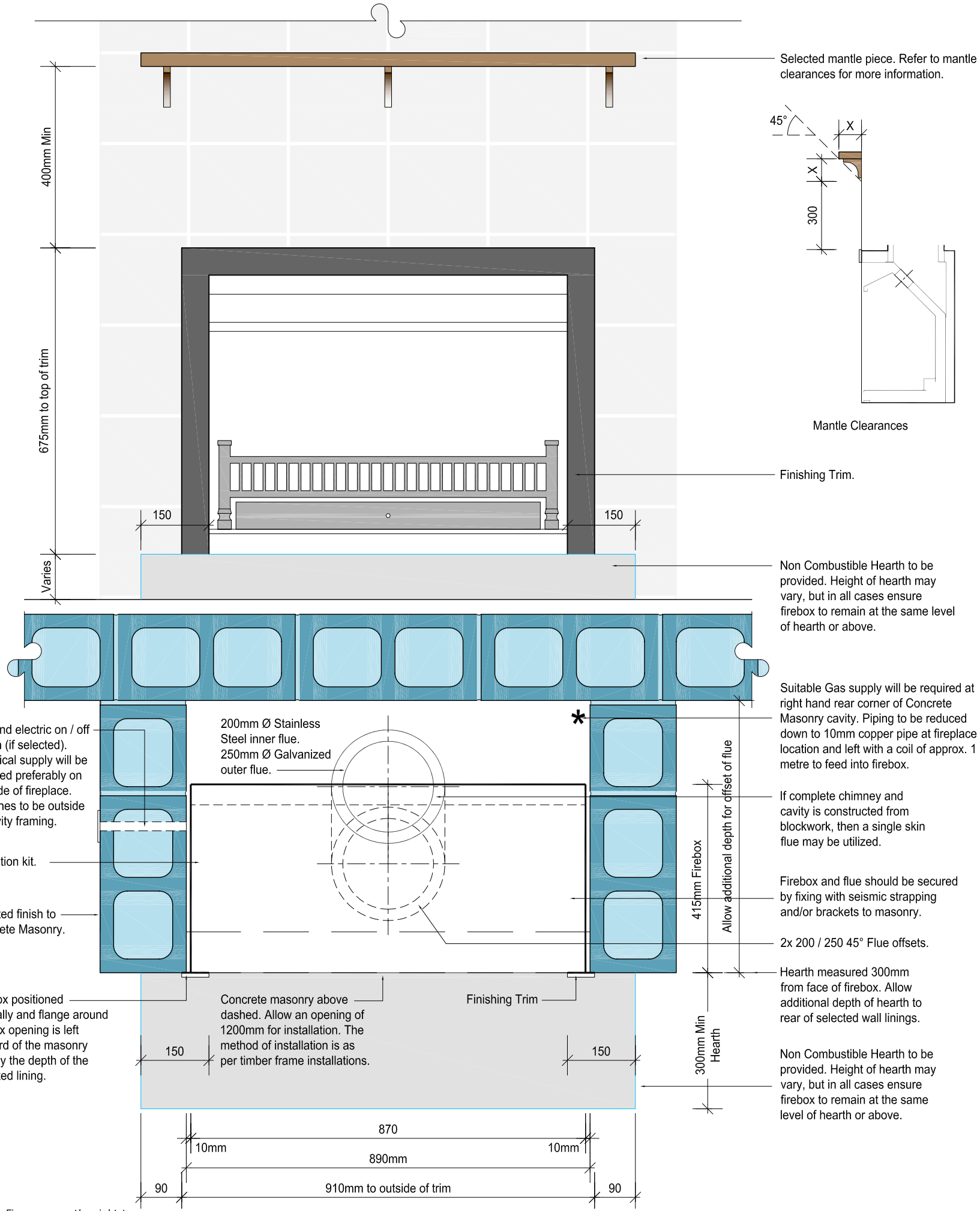
Title: Model RF800 into Timber Framing				Dwg No:	REAL FIRES
Scale: 1:10 @ A3	Date: 01.05.06	Drawn: ARCAD	Rev: -		

Installation must meet requirements of NZS5261.


200mm Ø Stainless Steel inner flue.
250mm Ø Galvanized outer flue.
Allow an opening of 1200mm for installation. The method of installation is as per timber frame installations.
240
170
Selected finish to Concrete Masonry.
Firebox positioned centrally and flange around firebox opening is left forward of the masonry wall by the depth of the selected lining.
Convected Heat
Radiant Heat
Air
Fan
*
1200mm Min if using a flue kit
Varies
300mm Min Hearth
415mm Firebox
Allow additional depth for offset of flue
Non Combustible Hearth to be provided. Height of hearth may vary, but in all cases ensure firebox to remain at the same level of hearth or above.
Hearth measured 300mm from face of firebox. Allow additional depth of hearth to rear of selected wall linings.
If complete chimney and cavity is constructed from blockwork, then a single skin flue may be utilized.
2x 200 / 250 45° Flue offsets.
Firebox and flue should be secured by fixing with seismic strapping and/or brackets to masonry.
Insulation kit.
Suitable Gas supply will be required at right hand rear corner of Concrete Masonry cavity. Piping to be reduced down to 10mm copper pipe at fireplace location and left with a coil of approx. 1 metre to feed into firebox.
Fan and electric on / off option (if selected). Electrical supply will be required preferably on left side of fireplace. Switches to be outside of cavity framing.
Raised level platform.


Selected mantle piece. Refer to mantle clearances for more information.
400mm Min
675mm to top of trim
Varies
150
150
Finishing Trim.
Non Combustible Hearth to be provided. Height of hearth may vary, but in all cases ensure firebox to remain at the same level of hearth or above.
Suitable Gas supply will be required at right hand rear corner of Concrete Masonry cavity. Piping to be reduced down to 10mm copper pipe at fireplace location and left with a coil of approx. 1 metre to feed into firebox.
If complete chimney and cavity is constructed from blockwork, then a single skin flue may be utilized.
Firebox and flue should be secured by fixing with seismic strapping and/or brackets to masonry.
2x 200 / 250 45° Flue offsets.
Hearth measured 300mm from face of firebox. Allow additional depth of hearth to rear of selected wall linings.
Non Combustible Hearth to be provided. Height of hearth may vary, but in all cases ensure firebox to remain at the same level of hearth or above.
Fan and electric on / off option (if selected). Electrical supply will be required preferably on left side of fireplace. Switches to be outside of cavity framing.
Insulation kit.
Selected finish to Concrete Masonry.
200mm Ø Stainless Steel inner flue.
250mm Ø Galvanized outer flue.
*
415mm Firebox
Allow additional depth for offset of flue
300mm Min Hearth
Firebox positioned centrally and flange around firebox opening is left forward of the masonry wall by the depth of the selected lining.
Concrete masonry above dashed. Allow an opening of 1200mm for installation. The method of installation is as per timber frame installations.
Finishing Trim
150
150
870
10mm
10mm
890mm
90
910mm to outside of trim
90

Mantle Clearances

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Title: Model RF800 into New Masonry Block				Dwg No:	REAL FIRES
Scale: 1:10 @ A3	Date: 01.05.06	Drawn: ARCAD	Rev: -		